

MARSHALL STAR

Serving the Marshall Space Flight Center Community

June 17, 2010

Lightfoot addresses Marshall team on Constellation Program



At an all-hands meeting June 11, Marshall Center Director Robert Lightfoot, left, discusses the impact of a Constellation Program funding reprioritization for the remainder of Fiscal Year 2010. He said new priorities for the Constellation Program include maximizing retention of personnel to maintain skills and capabilities for future technology development, protecting advanced development work that could transfer to planned programs detailed in the FY2011 budget request, enabling work on the Orion Crew Escape Vehicle, continuing work on the J2X engine and placing low priority on hardware expenditures that can be used only for the program of record and not covered in the FY 2011 budget request. At Marshall, the Ares project is reprioritizing tasks. Throughout NASA the program reprioritization will result in an estimated 30 to 60 percent reduction in the Constellation contractor workforce (2,500 to 5,000). The total impact to the Marshall Center contractor workforce is not yet known. The center director told the work force that he will continue to communicate with them as he receives information. He said the center is providing resources to assist those contractors affected. It is developing an external career transition website to serve as a portal for information, resources and employment opportunities. Other center resources include the Employee Assistance Program services and establishment of a Career Transition Center.

Shuttle Discovery's STS-131 astronauts to visit Marshall June 22

By Sanda Martel

Space shuttle Discovery crewmembers who flew the STS-131 mission in April will visit the Marshall Space Flight Center June 22. They will present highlights of their 15-day mission at 10 a.m. in Morris Auditorium, Building 4200.

The STS-131 astronauts delivered science experiments, equipment and supplies to the International Space Station, including a multipurpose logistics module containing the Window Observational Research Facility, or WORF – an Earth science observatory rack. WORF was tested and is managed by the Marshall Center. The mission featured three spacewalks.

For more information about the STS-131 mission, visit http://www.nasa.gov/mission_pages/shuttle/shuttlemissions/sts131/main/index.html.

Martel, an AI Signal Research Inc. employee, supports the Office of Strategic Analysis & Communications.



STS-131 crewmembers include, from left, Mission Specialists Rick Mastracchio and Stephanie Wilson; Commander Alan Poindexter; Mission Specialist Dorothy Metcalf-Lindenburger; Pilot James P. Dutton Jr.; and Mission Specialists Naoko Yamazaki and Clayton Anderson.

Marshall picnic makes a splash with team, families, retirees



Marshall Space Flight Center Director Robert Lightfoot keeps cool in the dunking tank during the Marshall Employee Family Picnic June 12. Lightfoot and other Marshall leaders took turns inside the tank during the event, which drew hundreds of team members, their families and Marshall retirees for a day of food, games, music and camaraderie.



Rosalind Cylar, left, an attorney in Marshall's Office of Chief Counsel, joins her husband Rashad and their son Isaiah to talk with NASA astronaut Dominic Antonelli. Antonelli, who signed autographs and took pictures with picnic-goers, piloted the STS-132 space shuttle mission in May.

See Picnic on page 3

Picnic *Continued from page 2*

Waiting for their chance to shout "Bingo!" are Pablo Torres, left, a materials engineer in Marshall's Materials & Processes Laboratory, and his wife Maria. The Marshall picnic included bingo, a car show and live music by area bands.



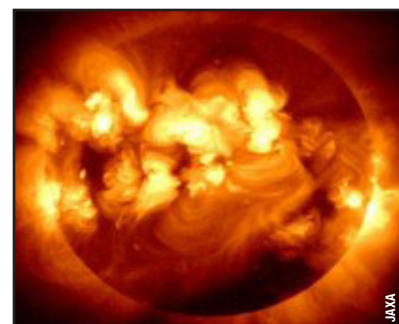
Picnic reveler Riley Baker cannonballs down one of the many waterslides and bounce houses set up for kids to enjoy during the picnic. Riley is the son of Kevin Baker, an engineering technician in the Engineering Directorate's Propulsion Systems Department.

Live Web chat: Ask a NASA expert about our powerful sun

Eight planets and their moons, tens of thousands of asteroids and trillions of comets revolve around the sun. One of these is our Earth, orbiting the sun at an average distance of about 92,960,000 miles. The sun is a huge, glowing ball that provides light, heat and other energy to our Earth. But our beneficial space neighbor is also capable of some stellar "temper tantrums."

On June 17 at 2 p.m., Dr. David Hathaway, a solar scientist at the Marshall Space Flight Center, will answer your questions about how our sun works and produces phenomena such as sunspots, solar flares and solar storms – "hot" topics that have communication and health implications for everyone on Earth.

To join in on the chat, visit http://www1.nasa.gov/connect/chat/solar_chat.html.



Multiple solar flares on the sun

Classified Ads

To submit a classified ad to the Marshall Star, go to Inside Marshall, to "Employee Resources," and click on "Employee Ads — Submit Ad." Ads are limited to 15 words, including contact numbers. No sales pitches. Deadline for the next issue, June 24, is 4:30 p.m. Thursday, June 17.

Miscellaneous

John Deere front reel mower, model 20SR7, seven blades, high-speed reel, \$375. 256-208-2926 or 256-353-0370

Two-person kayak, Pelican Pursuit 140T, \$480. 256-497-3951

Contemporary black bedroom set, queen bed, night stand, dresser, chest, \$800. 256-479-4345

Washer, Whirlpool dryer, white, \$350; Whirlpool refrigerator, black, icemaker, water filter, \$700. 256-658-0638 or 256-230-0333

Yamaha Clavinova CLP-110, full size keyboard, foot pedal, bench, \$750. 256-461-7411 or 256-658-6785

Sailboard, many sails, harness, lots of spares, \$150. 256-534-1461

Upright piano, Italian in walnut, 58-1/2"W X 41"H X 24-3/4"D, \$800. 256-837-5466

Ariens 42-inch lawn tractor, 17.5 horsepower, utility cart, \$500. 256-541-7455

Factor X Skateboard ramp; Pearl snare drum and bells; drum

set. 256-655-7444

Camper top, 67"W x 100"L, fits Toyota T100 pickup truck, \$100. 256-837-9212

Troy-Bilt 21-inch mower, Honda engine, \$175. 256-325-8131

Treadmill, continuous duty motor, power incline, digital read-outs, \$200. 256-325-3696

Treadmill, poles, floor protection mat, folds up for space saving, \$175. 256-880-9025

Stainless steel electric range, double ovens, convection, smooth cooktop, self cleaning, \$900 obo. 256-679-4459

Instyler rotating hot iron, \$50. 256-345-1454

GE side-by-side refrigerator, ice and water in door, bisque, 23.6 cubic feet, \$200. 256-883-2237

Thomasville Dining Suite-1970, cabinet, credenza, server, table, two leafs, six chairs, two captain, \$750. 256-431-3160

White large capacity electric dryer, \$110. 256-430-9774

YJ Jeep parts, gray back seat, front & rear bumpers, tire carrier, \$100 obo. 256-509-8794

GE side-by-side refrigerator, ice and water in door, bisque, 23.6 cubic feet, \$200. 256-883-2237

Vehicles

2010 Camry, automatic, factory warranty, pictures, Carfax available, 3,600 miles, \$17,975. 256-651-8507 or 256-345-2234

2009 Mazda Tribute, 8,100 miles, \$17,700 obo. 256-289-6115

2009 YZ250F dirt bike, pics available, \$3,800 obo. 615-417-3157

2003 Mercedes E320, extended warranty, \$17,000 obo. 256-721-4583

2002 Suzuki GZ250 street motorcycle, 65mpg, new rear tire, chain, sprockets, 18k miles, \$1,600. 256-230-2521

2001 Harley Super Glide FXDXT, wine/black, SE pipes, more, 10k miles, \$9,000. 256-464-9871

1999 Mercury Grand Marquis LS Sedan, four door, white, V8, leather, 40k miles, \$6,700. 256-536-6262

1998 Ford Windstar GL, tan, auto, 3.8 V6 engine, 118k miles. 256-617-9614

1998 18-foot Stingray RS180 Bowrider, new 140HP, bikini covers, custom trailer, extras, \$9,500. 256-640-6427

1997 Honda Accord, four door, \$2,500 negotiable. 256-852-6335

1995 Yukon Suburban, white/burgundy, loaded, Choo-Choo package, 112k miles, \$4,000 obo. 256-883-7243

Wanted

Electrical work to do, wiring houses, detached garage, yard lights, adding/removing switches, lights, plugs. 256-468-8906

Lost

Silver men's wedding ring, inscribed, brushed exterior finish, Marshall Wellness Center or Building 4203 lobby. 256-461-7520

Found

Set of keys, Honda car keys are attached. 305-710-6972

Free

Two kittens, 6 weeks old, black. 256-724-2807

Office of the Chief Information Officer to hold Marshall Technology Awareness Expo on June 23

A Technology Awareness Expo – spotlighting information technology services and products used in everyday life – will be held from 10 a.m. to 3 p.m. June 23 in Activities Building 4316. The event is sponsored by the Marshall Space Flight Center's Office of the Chief Information Officer.

Dozens of Marshall organizations and commercial vendors, such as Apple, Microsoft, Sony and Panasonic, will show their latest technologies and demonstrate information technology-related services. Experts will offer insights, tips and demonstrations for a hands-on experience with future technologies including Microsoft Surface – a multi-touch computer that responds to natural hand gestures and real-world objects, helping people interact with digital content in

a simple and intuitive way.

Two Marshall mobile rolling emergency command centers – the Communications Restoration and Recovery vehicle and the Data Restoration and Recovery vehicle – will be open for tours. Operated by the Office of the Chief Information Officer, they are used when communication capabilities are affected, such as during power outages. Also open for tours will be the Mobile Command Center, owned and operated by the Protective Services Office. This emergency response vehicle can respond to a wide range of security needs at Marshall and other NASA centers or sites.

The theme of the event is "The future is now, technology for you @work, @home and @play."

Giveaways will be available during the event, along with free popcorn and soft drinks. Pizza will be provided on a first come, first served basis. At 1 p.m., sponsors will offer ice cream to those at the expo.

For more information, visit Inside Marshall, <https://cio.msfc.nasa.gov/> or call information technology specialist Burt Bright at 544-0334.



NASA Engineering and Safety Center seeks resident engineers

The NASA Engineering and Safety Center is seeking resident engineers. This one-year detail assignment is open to GS-12 and GS-13 civil service employees with a background in engineering. The deadline to apply is June 23.

Known as NESC, this independently funded engineering organization includes technical experts who provide objective technical assessments of critical, high-risk projects.

The temporary assignment beginning Oct. 1 provides a technically diverse learning experience for junior engineers, giving them a greater understanding of the agency's programs and projects, an enhanced ability to solve complex technical problems, improved leadership skills and an increased network of technical experts in their field of work. Resident engineers will remain at their home center, but travel is required.

For more information and job qualifications, visit Inside Marshall or http://inside.msfc.nasa.gov/announcements/nesc_re_opp.pdf.

To apply, visit <http://jobsearch.usajobs.gov/a9nasai.aspx> and type in LA10N0126 under keyword search.

For more information about NESC, visit <http://www.nasa.gov/offices/nesc/>.

For questions, contact Steve Gentz, NESC chief engineer at Marshall, at 544-1642.

In celebration of Marshall's 50th anniversary

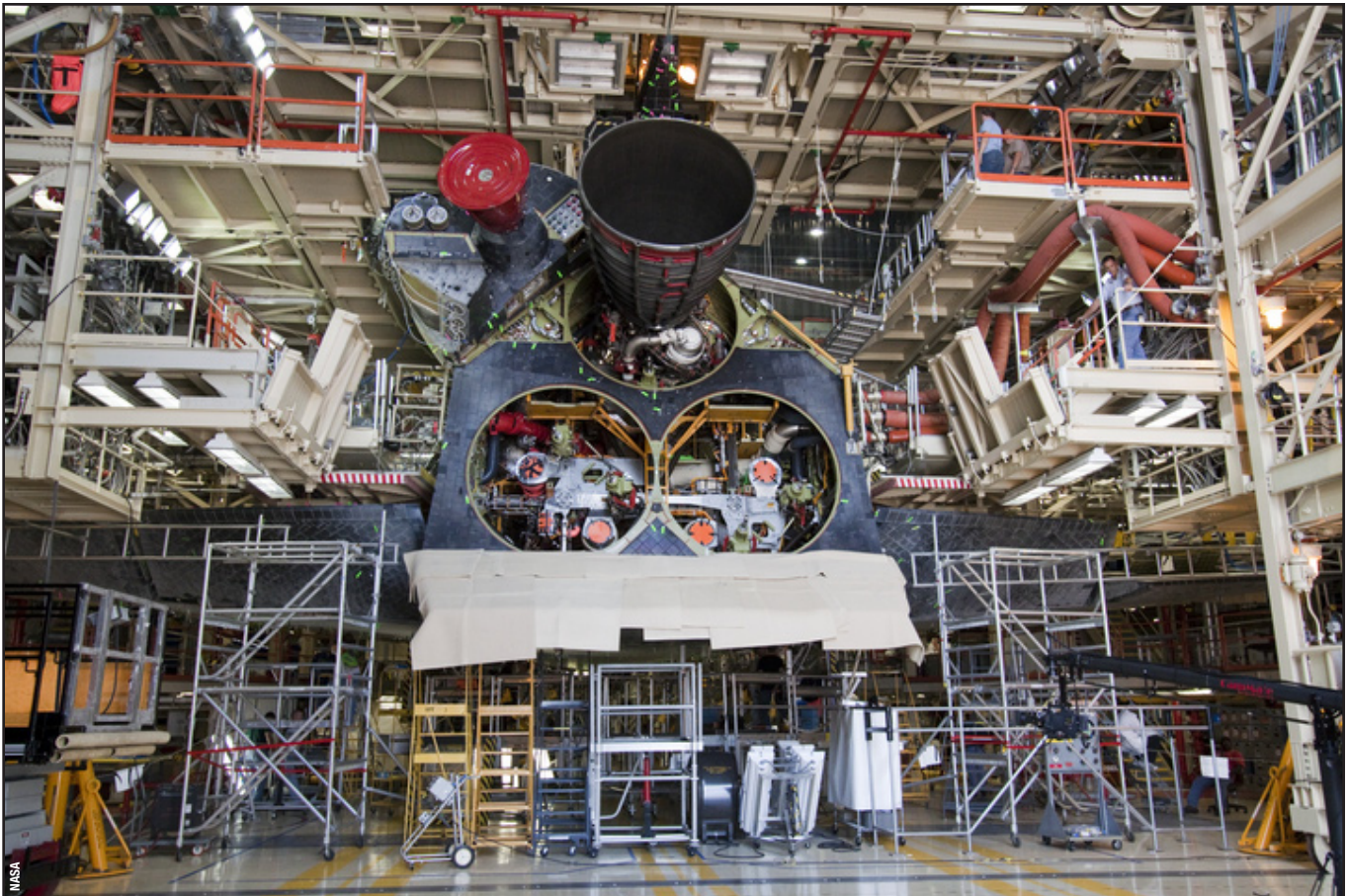
'Manned Space Flight Program of NASA: Projects Mercury, Gemini and Apollo' video to play in Heritage Gallery this week

As part of the 50th anniversary of the Marshall Space Flight Center, the Marshall History Office is showing a series of videos throughout the year related to the history of the center. The films will cover Mercury-Redstone, Saturn, Skylab, Apollo, space shuttle, International Space Station and more. Each video will run for one week in the Heritage Gallery in Building 4200 from 8 a.m. to 5 p.m.

This week's film is titled "Manned Space Flight Program of NASA: Projects Mercury, Gemini and Apollo."



Engines installed on shuttle Discovery



One of space shuttle Discovery's three main engines has been installed as work continues at NASA's Kennedy Space Center, Fla., to ready the spacecraft for the STS-133 mission. In the Vehicle Assembly Building at Kennedy, workers have attached the 15-story external fuel tank to the twin solid rocket boosters that will propel

Discovery into orbit. The tank holds about 500,000 gallons of super-cold propellants to power the shuttle's main engines. The boosters provide the bulk of power at liftoff – some 6 million pounds of thrust. The Discovery astronauts are training with robotics hardware for the mission, targeted to launch Sept. 16 from Kennedy.

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